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Examiner Vikkram Bali Group Art Unit 2623 571-272-7415	571-273-8300	USPTO Alexandria, VA

Dawn-Marie Bey
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REFERENCE NO

36609/300436
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PTO-1449 FORM FOR GROUP ART UNIT 2623 (Vikkram Bali)

CONFIDENTIAL - Application Serial No. 10/821,928 (SAIC0056-CON2)

Please find attached a PTO-1449 Form for consideration by the Examiner prior to payment of the issue fee.

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Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. SAIC0056-CON2		Serial No. 10/821,928	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Jessica Miriam SUNSHINE, et al.			
				Filing Date April 12, 2004		Group 2623	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)
	*	6,075,891	6/13/00	Burman	382	191	7/6/98
	*	6,008,492	12/28/99	Slater, et al.	250	334	10/23/96
FOREIGN PATENT DOCUMENTS							
	*						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	*	Preliminary Examination Report for Application no. PCT/US02/13497, dated October 8, 2003 (mailing date)					
	*	International Search Report, dated August 5, 2002					
	*	Nirmal Keshava, John F. Mustard, "Spectral Unmixing," <i>IEEE Signal Processing Magazine</i> , January, 2002, pp. 44-57					
	*	John B. Adams, Milton O. Smith, Alan R. Gillespie, "Imaging Spectroscopy: Interpretation Based on Spectral Mixture Analysis," <i>Remote Geochemical Analysis</i> , October 2, 2002, pp. 145-166					
	*	Examination of Applications, 700-93-700.95, August, 2001					
	*	K. O. Niemann, David G. Goodenough, Andrew Dyk, A. S. Bhogal, University of Victoria, Pixel Unmixing for Hyperspectral Measurement of Foliar Chemistry in Pacific Northwest Coastal Forests, www.aft.pfc.forestry.ca/igarss99/Pixel_unmixing , 4/30/01					
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* References cited in parent and grandparent (U.S. Serial Nos. 10/387,867 and 09/901,680), and not provided herewith

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*	Eugene W. Martin, "Measurement of Impervious Surface Area From Landsat Thematic Mapper Data Using Spectral Mixture Analysis," www.commenspace.org/papers/sma, March 22, 2001
*	Gemmell, et al., "Estimating Forest Cover in a Boreal Forest Test Using Thematic Mapper Data from Two Dates," <i>Elsevier Science, Inc.</i> , ISBN: 0034-4257, pp. 197-211, February, 2001
*	"Abacus," www.saic.com/abacus, February 26, 2001
*	J. Sunshine, John F. Mustard, Melanie A. Harlow, Andrew Elmore, NASA Earth Science Enterprise Commercial Remote Sensing Program Affiliated Research Center Brown University, December 17, 1999
*	Yi-Hsing, Tseng, "Spectral Mixture Analysis of Hyperspectral Data," <i>GIS Development, Asian Conference in Remote Sensing</i> , 13 pp., November, 1999
*	John F. Mustard, Jessica M. Sunshine, "Spectral Analysis for Earth Science: Investigations Using Remote Sensing Data," <i>Remote Sensing for the Earth Sciences: Manual of Remote Sensing</i> , 3 Ed., Vol. 3, Copyright 1999, pp. 251-306
*	ENVI Tutorial #10, "Advanced Hyperspectral Analysis," 18 pp., 1995 AVIRIS
*	J. B. Adams, D. E. Sabol, V. Kapos, R. A. Filho, D. A. Roberts, M. O. Smith, "Classification of Multispectral Images Based on Fractions of Endmembers: Application to Land-Cover Change in The Brazilian Amazon," <i>Remote Sens. Environment</i> , 52:137- 154, 1995
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*	J. B. Adams, Milton O. Smith, "Spectral Mixture Modeling: A New Analysis of Rock and Soil Types at the Viking Lander 1 Site," <i>Journal of Geophysical Research</i> , Vol. 91, No. 88, July 10, 1986, pp. 8098-8112
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